

Appl. No. 09/831,371  
Amendment dated: September 2, 2004  
Reply to OA of: August 31, 2004

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

Claim 1(canceled).

2(currently amended). A method of autologous therapeutic transplantation therapy of a disease or disorder of a host organism, said method comprising transplanting ~~therapy of a disease or disorder of a host organism~~, said method comprising transplanting a host organism with a cell composition prepared from a host cell population of mature, healthy lymphocyte cells obtained from blood of said host organism when non-diseased, wherein the cells are obtained [[form]] from the host organism before the disease or disorder develops or manifests itself.

Claim 3(canceled).

4(previously presented). A method as claimed in claim 2, wherein said host cells are harvested from said host organism at a stage when there is no direct prediction, suggestion or suspicion that said disease or disorder may develop.

5(previously presented). A method as claimed in claim 2, wherein said host organism is a human.

6(previously presented). A method as claimed in claim 2, wherein said host organism is juvenile, adolescent or adult, at the same time the cells are obtained.

7(previously presented). A method as claimed in claim 2, wherein the immune system of said host organism is mature, at the time the cells are obtained.

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8(previously presented). A method as claimed in claim 2, wherein the immune system of said host organism is uncompromised, at the time the cells are obtained.

9(previously presented). A method as claimed in claim 2, wherein said lymphocyte cells are T-lymphocyte cells.

Claim 10(canceled).

11(previously presented). A method as claimed in claim 2, wherein said therapy is cancer therapy.

Claims 12-13(canceled).

14(previously presented). A method as claimed in claim 2, wherein said host cell population is maintained in a state of dormancy.

15(previously presented). A method as claimed in claim 2, wherein said host cell population comprises a genetically modified cell.

16(previously presented). A method as claimed in claim 2, wherein, after removal from the host and before transplantation, said host cell population is stored by freezing the cells.

Claims 17-20(canceled).